

Date: Wed, 21 Apr 93 04:30:13 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #486
To: Info-Hams

Info-Hams Digest Wed, 21 Apr 93 Volume 93 : Issue 486

Today's Topics:

 * Aland Is. Pediton *
 10meters (Give it to CB)
 2m/70cm-Handy (2 msgs)
CP222C.ZIP - Hams: Morse code practice util v2.22 by VU2ZAP
 Information on Hamming in U.K. (2 msgs)
 Looking for Yeasu cat program
 Mobile dual bander(2m/70cm) for Eclipse/Talon/Laser
 Mods Server Help
 National Balloon Symposium Announcement
 X-tal filter 75 MHz

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 21 Apr 1993 11:08:51 +0300
From: mcsun!news.funet.fi!butler.cc.tut.fi!lehtori.cc.tut.fi!not-for-
mail@uunet.uu.net
Subject: * Aland Is. Pediton *
To: info-hams@ucsd.edu

Aland Islands DX-Pediton 3rd - 11th of April 1993

During our week of stay on Brando island (OHC-001, IOTA EU-02, LOC KP00MI)
we made only abt. 6400 qsos on 1.8 Mc - 50 Mc. Conditions were bad, we had
heavy aurora and no propagation on upper bands. We had also minor troubles
with our equipments, but no serious damages. Our main purpose was to
operate on WARC-bands and 15m RTTY, but we got only 414 RTTY qsos and 1494

qsos on WARC's.

SOME STATISTICS:

Continents:	Countries:	Modes:
North America 12.3 %	CW 104	CW 67%
South America 2.1 %	SSB 84	SSB 26%
Europe 67.4 %	RTTY 51	RTTY 7%
Asia 16.8 %		
Africa 0.8 %	TOTAL 137	
Oseania 0.5 %		

We operated all with our own calls (OH0LQK, OH0MEP, OH0MFP, OH0MYD and OH0NLP), I also activated our clubstation OH0/OH3NE on 50 Mc (65 qsos on aurora).

QSLs via each operators homecall in OH3-land or via P.O.Box 179, 33101 Tampere, Finland, EUROPE.

I will make short trip to same qth on 15th to 17th of may 1993 with another group. No details available yet, but that will be very limited pedition, we will be operating only CW & SSB, no digital modes this time.

TNX ES CU ALL AGN!
de Pete, OH0MEP

[oh3mep@cc.tut.fi and also pk75978@ee.tut.fi]

Date: 20 Apr 93 19:16:25 GMT
From: news!news.world.net!connected.com!beauty!rwing!fylz!ssc!markz@uunet.uu.net
Subject: 10meters (Give it to CB)
To: info-hams@ucsd.edu

Jim Garver (zardoz@ornews.intel.com) wrote:
: Somewhere I read that the frequencies between 25-30 Mhz were best for
: maximum ground wave propagation due to most bending of waves versus
: least atmospheric disturbance. The maximum reasonable size for a
: mobile 1/4 wave whip may also have something to do with it. I don't
: believe the effects of periodic skip conditions on 10-11 meters were
: properly understood or accounted for when the band was reallocated
: to CB class D.

The reason that CB got 27 MHz is that 27.120 +/- .163 MHz is an Industrial/Scientific/Medical band, and the users of that service

are allowed to output unlimited amounts of crap.

It's also fairly cheap to build radios at that low a frequency.

Mark Zenier markz@ssc.wa.com markz@ssc.com

Date: Wed, 21 Apr 1993 03:44:38 GMT
From: usc!howland.reston.ans.net!bogus.sura.net!darwin.sura.net!rouge!
jab0684@network.UCSD.EDU
Subject: 2m/70cm-Handy
To: info-hams@ucsd.edu

Well both the ft470 and alinco are very popular handhelds in my radio club.
However lately most of the new ht purchases have been the alinco 580.
i find both to be good radios. If you can live without the 800 mhz
and am air(I don't think 470 does am air, corrections invited), I'd
find the prospect of an ft470 for 150 marks less to be the better bargain.

73 de kb5udf

God Bless,
Jean

Date: 21 Apr 1993 04:54:30 GMT
From: usc!elroy.jpl.nasa.gov!swrinde!zaphod.mps.ohio-state.edu!
howland.reston.ans.net!agate!uclink.berkeley.edu!acollins@network.UCSD.EDU
Subject: 2m/70cm-Handy
To: info-hams@ucsd.edu

In article <1993Apr21.034438.3061@usl.edu> jab0684@ucs.usl.edu (Boudreaux Jean A)
writes:

>Well both the ft470 and alinco are very popular handhelds in my radio club.
>However lately most of the new ht purchases have been the alinco 580.
>i find both to be good radios. If you can live without the 800 mhz
>and am air(I don't think 470 does am air, corrections invited), I'd
>find the prospect of an ft470 for 150 marks less to be the better bargain.
>

You are correct. The 470 will not receive air (no AM) nor will it go
up to 800 megs (although I can set the VFO from about 60 to 1450 megs,
it will realistically do oh say ~135-173 and 420-470 or so). However,
it is a really nice, solid rig. I love it, and I love it to the point
that it would be difficult for anything to convince me to drop Yaesu.

That said, my next comment is easy to guess. I would recommend the FT-530 over *either* the Ft-470 or the alinco 580. I doubt that it costs much more than either (my observations have been that the 530 is the same price, give or take, but that the 470 is on sale everywhere, while the 530s sell out at whatever price the stores charge--last time I was in HRO they had only their counter demo on hand). It is smaller, and has all the rough edges of the 470 smoothed out, not to mention a lot of really slick new features. I feel that it is the best value in an HT on the market today.

Comments welcome, flames to /dev/null

Andy Collins, KC6YEY
acollins@uclink.berkeley.edu

Disclaimer: No relation to Yaesu (or HRO) except as a satisfied customer.

Date: Wed, 21 Apr 1993 09:04:48 GMT
From: tacom-emh1.army.mil!gvls2.vfl.paramax.com!ean@uunet.uu.net
Subject: CP222C.ZIP - Hams: Morse code practice util v2.22 by VU2ZAP
To: info-hams@ucsd.edu

I have uploaded to WSMR-SIMTEL20.Army.Mil and OAK.Oakland.Edu:

pd1:<msdos.hamradio>
CP222C.ZIP Hams: Morse code practice util v2.22 by VU2ZAP

This is a code practice utility written by Raj, VU2ZAP.
The ZIP file contains the following:

CP.EXE	29,500 bytes
CP.DOC	11,246 bytes

This utility is mainly meant to enhance your CW skills and is NOT a teaching aid to the beginner.

This file has been ZIPed with PKZIP 2.04g

--
Ed Naratil
Amateur Packet: w3bnr@N3LA.#epa.PA.USA.NA

(All standard disclaimers apply)
ean@VFL.Paramax.COM

Date: 21 Apr 93 08:18:38 GMT

From: pipex!Q.icl.co.uk!dsbc!ozz!prs@uunet.uu.net
Subject: Information on Hamming in U.K.
To: info-hams@ucsd.edu

In article <1r1q3e\$6sq@gdls.gdls.com>, turini@gdls.com (Bill Turini) writes:

hamming ; that's an horrible americanism :-(
I have an 'Amateur Radio Licence' not a 'Ham Licence'

> I am taking a 6 to 9 month assignment in the U.K. (London area). I've called
> the ARRL for the forms to get a reciprocal license. What I would like to
(in UK sp.=licence)

```
> know is:
```

>

> 1. What's 2/220/440 like?

2m (144-146) is the busiest band and most resembles CB

70cm (430-440) is busy and is the main band for Novice Licence holders (2E calls)

There is no 220MHz band

>

> 2. Is there packet? TCP/IP?

yes.. this isn't a third world country, yet :-)
we've had packet for almost as long as you guys
and the networks are quite extensive.

> 3. What are the HF bands and privileges?

1810-2000,
3500-3800,
7000-7100,
10100-10150,
14000-14350,
18068-18168,
21000-21450,
24890-24990,
28000-29700

There are 2 HF licences, Full 'A' (G0 calls) and Novice 'A' (2E0 calls)

> 4. Are there clubs? Club Stations, etc.

yes.. again, typical american ignorance shows.

we've got hundreds of clubs, many of them date back to the 1920s & 30s.

>

> 5. Will I be able to bring in my own equipment?

yes you can - except for any single band equipment for use solely on 28 MHz

>

> 6. Anything I've left out?

a 12 month licence costs 15 pounds.

> 73's and thanks for the info
best wishes to you too.

>

> Bill

> --

> Bill Turini, KA4GAV

Chief, Technical Systems

E-mail me if you've got any further queries.

73

Peter G0PUB

Peter Swynford is available... tel:+44 344 424842 x 2625 / fax:+44 344 489280
or at prs@oasis.icl.co.uk AX25:G0PUB@GB7RDG.GBR.EU
Disclaimer: See Paragraph 2.4.a of section 1.a (article 7) (iii) of the
Town and Country Planning Act, 1967.

Date: Wed, 21 Apr 1993 09:27:56 GMT
From: pa.dec.com!e2big.mko.dec.com!nntpd.lkg.dec.com!westrn.enet.dec.com!
potter@decwrl.dec.com
Subject: Information on Hamming in U.K.
To: info-hams@ucsd.edu

Peter Swynford writes:

>Bill Turini writes:

>> 1. What's 2/220/440 like?

>

>2m (144-146) is the busiest band and most resembles CB

>

>70cm (430-440) is busy and is the main band for Novice Licence
>holders (2E calls)

>

>There is no 220MHz band

A lot of this depends on where Bill is wanting to go. In Berkshire,

where (I think) Peter is located, it is true to say that 2m is _extremely_ busy and I am willing to believe that 70cm is busy too.

In Scotland, where I live, 2m is busy enough that you can normally get a contact on a repeater, and 70cm is all but deserted, apart from packet (BTW, that's 144.650MHz on 2m and 432.625 in my area - both AX.25) and the novices. They hang around the repeaters (we have a +1.6MHz repeater shift on 70cm). I've got to say that the standards of politeness and good radio practice are generally higher amongst the novies than any other group of amateurs I've heard!

Hope you enjoy your holiday, Bill!

73s
Alan

(GM7GLJ @ GB7EDN)

Date: Wed, 21 Apr 1993 04:57:06 GMT
From: usc!howland.reston.ans.net!bogus.sura.net!darwin.sura.net!rouge!
jpd@network.UCSD.EDU
Subject: Looking for Yeasu cat program
To: info-hams@ucsd.edu

I placed p736.zip onto PC.USL.EDU in the pub/ham directory for anon ftp.
It was obtained on one of the pacsats. Haven't used it yet, though.

73,
--

-- James Dugal, N5KNX Internet: jpd@usl.edu
Associate Director Ham packet: n5knx @k5arh (land), U0-22 (sat.)
Computing Center US Mail: PO Box 42770 Lafayette, LA 70504
University of Southwestern LA. Tel. 318-231-6417 U.S.A.

Date: Wed, 21 Apr 1993 04:11:41 GMT
From: usc!howland.reston.ans.net!bogus.sura.net!darwin.sura.net!rouge!
jab0684@network.UCSD.EDU
Subject: Mobile dual bander(2m/70cm) for Eclipse/Talon/Laser
To: info-hams@ucsd.edu

Greetings all. I'm the happy owner of a Talon TSi AWD, though I love the car, it does present some unique problems with regard to the mounting/use of mobile units. I'd love to hear how any owners of talons/eclipses/lasers have mounted their mobile units. All these cars have essentially the same

dashboards, so what works for one should work for all.

Thanks,
Jean
kb5udf@ucs.usl.edu

Date: Wed, 21 Apr 1993 05:13:50 GMT
From: usc!wupost!waikato.ac.nz!canterbury.ac.nz!54.31.181.132.in-addr.arpa!
R.Corbett@network.UCSD.EDU
Subject: Mods Server Help
To: info-hams@ucsd.edu

Some time ago I logged onto a Mods Server somewhere!!!!!!! and now for
the life of me I can't find the address anywhere.....All I can remember
is that it was in the US somewhere....(Surprise Surprise)
One day they'll make a radio that has the Mod's already done!!!! 8-)

Any info would be really appreciated ether by E-Mail or Posting

Roger ZL3THQ..

(o o)
Roger Corbett-----w--U--w-----Voice (03) 3642-257
Education Department | Fax (03) 3642-418
University of Canterbury | E-Mail R.Corbett@csc.canterbury.ac.nz
Christchurch | Postal Box 5162 Papanui (Home)

Date: Tue, 20 Apr 1993 03:22:17 GMT
From: usc!sdd.hp.com!hpscit.sc.hp.com!hplextra!hpfcso!hplvec!
tcline@network.UCSD.EDU
Subject: National Balloon Symposium Announcement
To: info-hams@ucsd.edu

EDGE OF SPACE SCIENCES
NATIONAL BALLOON SYMPOSIUM
AUGUST 20, 21 & 22, 1993
DENVER, COLORADO

LOCATION:

Denver International Airport Holiday Inn
I-70 and Chambers Road
15500 East 40th Avenue
Denver, Colorado 80239
(303) 371-9494

SUBJECTS TO INCLUDE:

Amateur Radio Applications,
Basic Balloon Flight Procedures,
FAA & FCC Regulations,
Amateur Radio Applications,
Balloon and Payload Systems,
Applications to Education & Science,
Student Participation Projects,
Balloon Organization Development,
Payload Tracking & Recovery.

ACTIVITIES:

Friday Evening: Social Hour, Exhibits and Videos.

Saturday: Morning Sessions, Luncheon.
Afternoon Dual Track Sessions, (Technical and Education).
Social Hour, Banquet.
Exhibits and Videos.

Sunday: Morning Balloon Launch (conditions permitting) and
Ground Station Display.

REGISTRATION INCLUDES:

All events at the Symposium, two meals on Saturday, and a copy of the Proceedings. Two options are available for each meal. The Saturday luncheon choices are Lemon Chicken or Chopped Sirloin. The Saturday evening banquet choices are Chicken Cordon-Bleu or London Broil. Special diet needs will be met on an individual basis. Please specify menu choices and special diet needs on the attached registration form.

LODGING:

Applicants must call Holiday Inn direct (303) 371-9494 for reservations. Mention the EOSS National Balloon Symposium for symposium rates. Rooms confirmed before August 8 are \$57.00 + tax (single or double). Special rates after August 8 on space available basis only. Applicants are responsible for rooms, taxes and incidentals.

CALL FOR PAPERS:

EOSS invites balloon experimenters, educators, authors and scientists involved with high altitude balloon experiments to provide papers and presentations at the National Balloon Symposium. Papers, in electronic form, should be submitted before May 8, 1993. For additional information, contact Ann Trudeau, 15487 E. Bates Ave., Aurora CO 80013, (303) 690-1669.

DEADLINE FOR PROCEEDINGS SUBMITTAL: May 15, 1993.

FOR ADDITIONAL INFORMATION:

Contact Rick von Glahn, N0KKZ, 74620.637@compuserve.com .

Ted Cline, N0RQV

ted_cline@hpsla.lvld.hp.com

Date: Wed, 21 Apr 1993 09:34:21 GMT

From: usc!sdd.hp.com!apollo.hp.com!hpwin052!hpqmoea!dstock@network.UCSD.EDU

Subject: X-tal filter 75 MHz

To: info-hams@ucsd.edu

75MHz has been used as a first IF for up-converting HF receivers, so filters have appeared in various suppliers catalogues. As these fit before the main selectivity, the bank of different bandwidth filters in a typical receiver, they are designed to be wider than the widest mode. 20kHz bandwidth is about the narrowest I've seen.

A 2.4 kHz filter at 75MHz would be unusual, and therefore more involved to design, if you could find a manufacturer prepared to try. I would expect this to be incredibly expensive.

You could have a go yourself. there were some excellent articles in RADCOM several years ago on ladder filters using crystals on fundamental modes, and some not really deep enough articles in QST more recently. It might be interesting to extend this work to overtone modes. A single conversion receiver to a high IF could be very interesting.... A narrow first IF filter could also be used to improve a receiver with a mediocre second mixer, and a famous second mixer intermod problem. Any prize for guessing the model number? If this is your problem, improving the second mixer could be an alternative approach.

If anyone requests clues, I'll dig out those articles and list them.

Hope this helps a bit

David GM4ZNX

End of Info-Hams Digest V93 #486
